**Table 1.**

Effects of culture systems and different cytokinins tested on survival percentage of calli and *in vitro* morphogenesis in *Lilium ledebourii*.

|  |  |  |  |
| --- | --- | --- | --- |
| Morphogenesis | Survival percentage  of calli a | Growth regulators  (μM) | Culture system |
| – b | 0 e | NAA 0.54 + BA 0.44 | Liquid medium |
| – | 0 e | NAA 0.54 + TDZ 0.45 |
| Somatic embryogenesis | 66 c | NAA 0.54 + BA 0.44 | Bioreactor |
| Shoot organogenesis | 33 d | NAA 0.54 + TDZ 0.45 |
| Somatic embryogenesis | 94 a | NAA 0.54 + BA 0.44 | Solid medium |
| Shoot organogenesis | 72 b | NAA 0.54 + TDZ 0.45 |

Means in the column followed by different letters are different according to Duncan’s multiple range test at *P* ≤ 0.05.

a The survival percentage of calli was determined by dividing the number of surviving explants by the total number of cultured explants and multiplying by 100.

b Data not available due to the failure of regeneration from calluses cultured in the liquid medium.

**Abbreviations:** BA - 6-benzyladenine; NAA - a-Naphthaleneacetic acid; TDZ – thidiazuron.